

whereby the composition comprises a thermoset resin, a cholesterol, water, and a dye, and wherein the cholesterol comprises $C_{27}H_{45}OH$ as well as one or more of straight chain monobasic carboxylic acids and associated fatty acids from edible fats and oils.

103.

22. (New)

A thermochromic composition according to claim 21 wherein the thermoset resin is selected from one or more of the group consisting of melamine-formaldehyde, urea formaldehyde, and urethane resins.

23. (New)

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A thermochromic composition according to claim 21 whereby the composition comprises from about 20-40% by weight thermoset resin, from about 15-45% by weight cholesterol, from about 15-30% by weight water, and from about 10-30% by weight dye.

24. (New)

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A reversible cosmetic composition selected from the group comprising a thermochromic composition, a photochromic composition, and a mixture thereof, wherein the thermochromic composition and the photochromic composition comprise a thermostat resin, cholesterol, water, dye, a benzene, and a binder, and

wherein the cholesterol comprises $C_{27}H_{15}OH$ as well as one or more of straight chain monobasic carboxylic acids and associated fatty acids from edible fats and oils.

25. (New)

A method of manufacturing a reversible thermochromic cosmetic composition comprising:

combining a thermoset resin, cholesterol, water, and dye to form thermochromic cells; and heating the cells for a time period sufficient to cure the resin,

wherein the cholesterol comprises $C_{27}H_{15}OH$ as well as one or more of straight chain monobasic carboxylic acids and associated fatty acids from edible fats and oils.

26. (New)

A method according to claim 25 further including the step of adding the cells to a cosmetically acceptable carrier.

27. (New)

A method according to claim 26 whereby the cells are added to the cosmetically acceptable carrier in a concentration of about 10-30% by weight.

28. (New)

67 A method of manufacturing a reversible thermochromic/photochromic composition comprising: combining thermochromic cells resulting from combining a thermoset resin, cholesterol, water, and dye with the photochromic cells resulting from combining a benzene with a binder to form photochromic cells, wherein the cholesterol comprises $C_{27}H_{45}OH$ as well as one or more of straight chain monobasic carboxylic acids and associated fatty acids from edible fats and oils.

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29. (New)

The composition of claim 21 wherein the composition further includes a water-based, cosmetically acceptable carrier.

30. (New)

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A composition according to claim 21 that is shelf-stable for a time period of at least two years.

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31. (New)

A composition according to claim 21 further including one or more ingredients selected from the group consisting of a light stabilizer, a buffer, a thermoset resin, and an auxiliary.

32. (New)

(9) A composition according to claim 21 having a pH in the range of about 6.8 to 7.2.
